

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/553,509
Source: PCT
Date Processed by STIC: 10/28/2005

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 10/28/2005

PATENT APPLICATION: US/10/553,509

TIME: 12:05:00

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553509.raw

3 <110> APPLICANT: Hirai, Mitsuharu
 5 <120> TITLE OF INVENTION: Method of detecting beta3 adrenaline receptor mutant gene
 and nucleic
 6 acid probe and kit therefor
 8 <130> FILE REFERENCE: TOYA114.010APC
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/553,509
 C--> 11 <141> CURRENT FILING DATE: 2005-10-18
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/005525
 14 <151> PRIOR FILING DATE: 2004-04-16
 16 <150> PRIOR APPLICATION NUMBER: JP 2003-114381
 17 <151> PRIOR FILING DATE: 2003-04-18
 19 <160> NUMBER OF SEQ ID NOS: 12
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 22 <211> LENGTH: 1227
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Homo sapiens
 26 <220> FEATURE:
 27 <221> NAME/KEY: allele
 28 <222> LOCATION: 190
 30 <400> SEQUENCE: 1
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 32 gcgccaata cgcacaacac cagtgggctg ccaggggttc cgtgggagge ggccctagcc 120
 33 gggggccctgc tggcgctggc ggtgctggcc accgtgggag gcaacctgct ggtcatcgctg 180
 34 gccatcgctt ggactccgag actccagacc atgaccaacg tgttcgtgac ttcgctggcc 240
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 36 ggccactggc cgttgggcgc cactggctgc gagctgtgga cctcggtgga cgtgctgtgt 360
 37 gtgaccgcca gcacgaaac cctgtgcgcc ctggcgtgg accgctacct ggctgtgacc 420
 38 aaccgctgc gttacggcgc actggtcacc aagcgtgcg cccggacagc tgtggtcctg 480
 39 gtgtgggtcg tgcggccgc ggtgtcgttt gcgcccata tgagccagtg gtggcgcgta 540
 40 ggggcccagc cggagggcga gcgctgccac tccaaccgc gctgctgtgc ctcgcctcc 600
 41 aacatgcctt acgtgctgct gtccctctcc gtctccttct accttctct tctcgtgatg 660
 42 ctcttcgtct acgcgcgggt ttctgtggtg gctacgcgcc agctgcgctt gctgcgcggg 720
 43 gagctgggcc gctttccgcc cgaggagtct ccgcggcgcc cgtcgcgctc tctggccccg 780
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 53 <210> SEQ ID NO: 2
 54 <211> LENGTH: 1227
 55 <212> TYPE: DNA

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56 <213> ORGANISM: Homo sapiens
58 <220> FEATURE:
59 <221> NAME/KEY: allele
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65 ggggccccgc tggcgctggc ggtgctggcc accgtgggag gcaacctgct ggtcatcgtg      180
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67 gcagccgacc tggatgatgg actcctgggt gtgccggcgg cgccacactt ggcgctgact      300
68 ggccactggc cgttgggcgc cactggctgc gagctgtgga cctcgggtgga cgtgctgtgt      360
69 gtgaccgcca gcatcgaaac cctgtgcgcc ctggcgtgg accgctacct ggctgtgacc      420
70 aaccgctgc gttacggcgc actggtcacc aagcgctgcg ccggacagc tgtggtcctg      480
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81 tgcgctgcg gccgtgcct gcctccggag ccctgcgcg ccgccgcgcc ggccctcttc      1140
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83 gacggggctt cttggggagt ttcttag      1227
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86 <211> LENGTH: 20
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
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93 <400> SEQUENCE: 3
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96 <210> SEQ ID NO: 4
97 <211> LENGTH: 14
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: primer
104 <400> SEQUENCE: 4
105 ggcgctggcg gtgc      14
107 <210> SEQ ID NO: 5
108 <211> LENGTH: 16
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: probe
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Input Set : A:\PTO.RJ.TXT

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118 <210> SEQ ID NO: 6	
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123 <220> FEATURE:	
124 <223> OTHER INFORMATION: probe	
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127 ccatcgcccg gactccgag	19
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131 <212> TYPE: DNA	
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134 <220> FEATURE:	
135 <223> OTHER INFORMATION: probe	
137 <400> SEQUENCE: 7	
138 gtcacgtgg ccatcgccc	19
140 <210> SEQ ID NO: 8	
141 <211> LENGTH: 20	
142 <212> TYPE: DNA	
143 <213> ORGANISM: Artificial Sequence	
145 <220> FEATURE:	
146 <223> OTHER INFORMATION: probe	
148 <400> SEQUENCE: 8	
149 cgtggccatc gcccgactc	20
151 <210> SEQ ID NO: 9	
152 <211> LENGTH: 20	
153 <212> TYPE: DNA	
154 <213> ORGANISM: Artificial Sequence	
156 <220> FEATURE:	
157 <223> OTHER INFORMATION: probe	
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160 catcgccctgg actccgagac	20
162 <210> SEQ ID NO: 10	
163 <211> LENGTH: 18	
164 <212> TYPE: DNA	
165 <213> ORGANISM: Artificial Sequence	
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168 <223> OTHER INFORMATION: probe	
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174 <211> LENGTH: 16	
175 <212> TYPE: DNA	
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179 <223> OTHER INFORMATION: probe	
181 <400> SEQUENCE: 11	
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Input Set : A:\PTO.RJ.TXT

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184 <210> SEQ ID NO: 12

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187 <213> ORGANISM: Artificial Sequence

189 <220> FEATURE:

190 <223> OTHER INFORMATION: probe

192 <400> SEQUENCE: 12

193 catcgctgg actcc

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/553,509

DATE: 10/28/2005

TIME: 12:05:01

Input Set : A:\PTO.RJ.TXT

Output Set: N:\CRF4\10282005\J553509.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date